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Appl. No. 09/661,214
Amdt. dated May 31, 2005
Replacement Sheet

Figure 23 Flit Transmission Priority

Priority	Level	Flit Type Commentary
1	Time-of-Day Service Packets	Require near-real-time processing. A returned Time-of-Day (transmitted in response to a received one) should have higher priority than one being initiated.
2	Link Control Flits - Required Link Ack/Idles, Init	Ack/Idles must be sent at regular intervals to prevent sender time-out retransmission. If
3	VL15 (Management)	Used for management frames on the management VL
3	VL0 - VL14 frame Flits	Normal traffic - Configurable VL arbitration engine determines which VL to transmit from, based on overall network quality-of-service objectives.
4	Credit-only Flits - If no other traffic to send.	
5	Ack/Idle Flits If no other traffic or credits to send.	

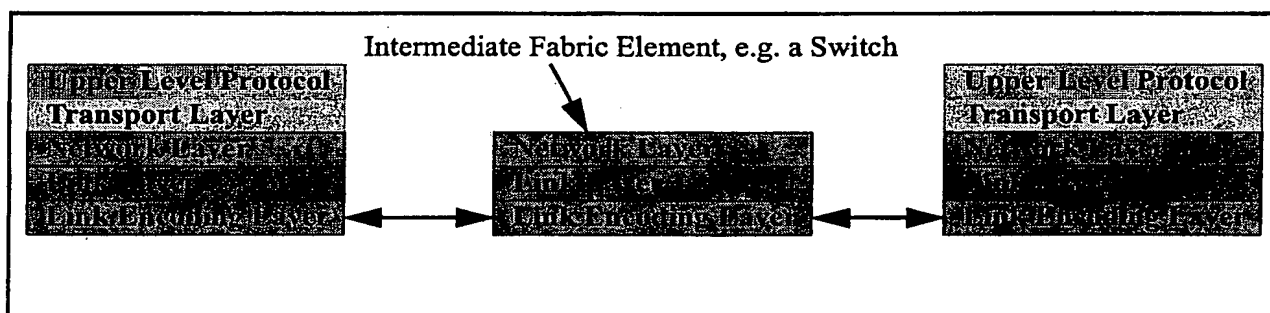### Figure 28 Future I/O Layered Architecture

Intermediate Fabric Element, e.g. a Switch

Figure 29 Sample Point-to-point Topologies

Topology one illustrates a SANIC attached directly to an endnode either through a cable or an ASIC-to-ASIC implementation.

Topology two illustrates a point-to-point daisy chain configuration. In this topology, The SANIC may only send frames to the directly attached endnode. The endnode is responsible for forwarding all frames to the subsequent endnode. From the SANIC's perspective, all acknowledgments, management, etc. are handled by endnode 1.